

Title (en)
DETECTION OF ANTIGENS

Title (de)
DETEKTION VON ANTIGENEN

Title (fr)
DÉTECTION D'ANTIGÈNES

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Abstract (en)
[origin: WO2011003598A2] The invention discloses a method for detecting at least one antigen, comprising the following steps: providing magnetic beads, which are coated with antibodies specific for at least one antigen to be detected; bringing the magnetic beads in contact with a washing buffer that comprises at least 8% BSA and incubating the mixture with a sample; isolating the magnetic beads by means of a magnetic separator; and detecting the antigens bound to the magnetic beads by the antibodies. Washing buffers, primers, kits and devices that can be used for said method are also disclosed.

IPC 8 full level
G01N 33/543 (2006.01)

CPC (source: EP US)
G01N 33/54333 (2013.01 - EP US)

Citation (examination)
• H YU ET AL: "Detection of biological threat agents by immunomagnetic microsphere-based solid phase fluorogenic- and electro-chemiluminescence", BIOSENSORS AND BIOELECTRONICS, vol. 14, no. 10-11, 1 January 2000 (2000-01-01), pages 829 - 840, XP055162449, ISSN: 0956-5663, DOI: 10.1016/S0956-5663(99)00068-8
• SVERRE-HENNING BRORSON: "Bovine serum albumin (BSA) as a reagent against non-specific immunogold labeling on LR-White and epoxy resin", MICRON, vol. 28, no. 3, 1 June 1997 (1997-06-01), pages 189 - 195, XP055192337, ISSN: 0968-4328, DOI: 10.1016/S0968-4328(97)00030-9

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